

AMENDMENTS TO THE SPECIFICATION

Page 6, at line 33, insert the paragraph as follows:

Figure 1 graphically illustrates the effect on red blood cell (rbc) particles of the application of a dielectrophoretic field over a wide range of frequencies. Figure 1 illustrates the principle of conventional TWD at a single frequency on a single particle type.

Page 9, lines 16-23, amend the paragraph as follows:

As the amplitude of signal F2 increases, the real part R of the net DEP force becomes more positive R', R'', R'''. The travelling wave window (TW) becomes narrower, as indicated by the arrow ~~TW''~~ TW''' corresponding to the real part R2''. The particles therefore travel over narrower ranges of applied frequency, which results in increased selectivity and sensitivity to the control and characterisation of the particle.